## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Jonathan Appavoo, et al. Examiner: Una

er: Unassigned

Serial No: To Be Assigned Art Unit: Unassigned

Filed: Herewith Docket: YOR920030317US1 (16856)

For: ACHIEVING AUTONOMIC

Dated:

September 29, 2003

**BEHAVIOR IN AN OPERATING** 

SYSTEM VIA A HOT-SWAPPING MECHANISM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

- 1. M. Makpangou, et al., "Fragmented Objects for Distributed Abstractions", Advances in Distributed Systems. IEEE, Pages 1-27; October 1991;
- Dylan McNamee, et al., "Specialization Tools and Techniques for Systematic Optimization of System Software", ACM Transactions on Computer Systems, Vol. 19, No. 2, Pages 217-251; May 2001;

## **CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450 on September 29, 2003.

Dated: September 29, 2003

- 3. J. Magee, et al., "A Constructive Development Environment for Parallel and Distributed Programs", In Proceedings of the Second International Workshop on Configurable Distributed Systems, Pittsburgh, Pennsylvania, March 1994;
- 4. P.E. McKenney, et al., "Read-Copy Update: Using Execution History to Solve Concurrency Problems", *International Conference on Parallel and Distributed Computing and Systems*; 1998;
- 5. "Distributed Computing Environment", *Open Software* Foundation; An Overview January 1992;
- 6. B.N. Bershad, et al. "Extensibility, Safety and Performance in the SPIN Operating System", *Proceedings of the 15th Symposium on Operating System Principles*, Copper Mountain, CO, Pages 267-284; December 1995;
- 7. D.R. Engler, et al., "Exokernel: An Operating System Architecture for Application-Level Resource Management", *In Proc. 15th ACM SOSP*, Copper Mountain, CO, USA, Pages 251—266; December 1995;
- 8. G. Hjálmtýsson, et al., "Dynamic C++ Classes A Lightweight Mechanism to Update Code in a Running Program", *Proceedings of the USENIX Annual Technical Conference*, New Orleans, Louisiana; June 1998;
- 9. M. Hicks, et al., "Dynamic Software Updating", In Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation, Pages 13-23, June 2001;
- 10. P.Homburg, et al., "An Object Model for Flexible Distributed Systems", In Proceedings 1st Annual ASCI Conference, Pages 69-78, Heijen, The Netherlands; May 1995;
- 11. M. Seltzer, et al., "An Introduction to the Architecture of the VINO Kernel", Technical Report TR 34—94, Harvard University Computer Science; November 1994;
- 12. R. Unrau, et al., "Hierarchical Clustering: A structure for Scalable Multiprocessor Operating System Design", Technical Report 268, Computer Systems Research Institute, University of Toronto; 1993;
- 13. Z. Yang, et al., "CORBA: A Platform for Distributed Object Computing (A State-of-the-Art Report on OMG/CORBA)", ACM Operating Systems Review, Volume 30, Number 2, Pages 4-31; April 1996;
- 14. SUN Microsystems, Inc., Java Remote Method Invocation-Distributed Computing for Java", White Paper; June 2002; and

15. C. Pu, et al., "Optimistic Incremental Specialization: Streamlining a Commercial Operating System", In Proceedings of the 15<sup>th</sup> ACM Symposium on Operating Systems Principles (SOSP'95), Pages 314-324, December 1995.

Applicants are submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

John S. Sensny
John S. Sensny
Registration No. 38 75

Registration No.: 28,757 Attorney for Applicants

Scully, Scott, Murphy & Presser 400 Garden City Plaza Garden City, New York 11530 (516) 742-4343

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